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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/629,323	07/29/2003	2651	0.00	HSJ920030016US3 (HITG.055	10	32	5

CONFIRMATION NO. 6605

Crawford Maunu PLLC  
 Suite 390  
 1270 Northland Drive  
 St. Paul, MN 55120

## FILING RECEIPT



\*OC000000011108838\*

Date Mailed: 10/27/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Hardayal Singh Gill, Palo Alto, CA;  
 Wen-Chien Hsiao, San Jose, CA;  
 Jih-Shiuan Luo, San Jose, CA;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 10/27/2003

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

## Title

Method and apparatus for enhancing thermal stability, improving biasing and reducing damage from electrostatic discharge in self-pinned abutted junction heads having a second hard bias layer disposed away from the free layer

**Preliminary Class**

360

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	GILL et al.	Examiner:	Unassigned
Serial No.:	10/629,323	Group Art Unit:	2651
Filed:	July 29, 2003	Docket No.:	HSJ920030016US3 (HITG.055PA)
Title:	METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY, IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING A SECOND HARD BIAS LAYER DISPOSED AWAY FROM THE FREE LAYER		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 13, 2003.

By: Kathleen McDevitt  
Kathleen McDevitt

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents  
Office of Initial Patent Examination's Filing Receipt Corrections  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a photocopy of the filing receipt from the United States Patent and Trademark Office in the above-identified application showing requested corrections. The filing receipt is erroneous in the following respects as reflected in the papers originally filed. The correct spelling for the city of residence for first named Applicant Hardayal Singh Gill is Palo Alto, CA.

Please correct the filing receipt to show the correct spelling for the city of residence.

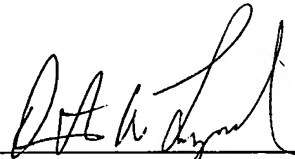
Correction of the records of the United States Patent and Trademark Office and issuance of a corrected filing receipt are respectfully solicited.

Respectfully submitted,

CRAWFORD MAUNU PLLC  
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Dated: November 12, 2003

By: \_\_\_\_\_

  
David W. Lynch  
Reg. No. 36,204